

REMARKS/ARGUMENTS

Claims 1-23 were pending. Claims 1-3, 7, 15, 16 and 18 have been amended and new claims 24-44 have been added. Therefore, upon entry of this amendment, which is respectfully requested, claims 1-44 will be pending.

A new title was required by the Examiner. Accordingly, a new title has been presented in the form of an amendment to the specification.

The specification was objected to as including a computer program listing containing more than three hundred (300) lines of code. Accordingly, a compact disc conforming to the standards set forth in 37 CFR 1.96(C)(2) has been submitted including the computer code set forth in Appendices A-C as originally filed. Additionally, an appropriate reference to the newly added computer program listing appendix on compact disc has been inserted at the beginning of the specification.

Claims 1-23 were rejected under 35 USC §102(e) as being anticipated by Wu *et al.*, U.S. Patent No. 5,987,256.

Wu *et al.* is directed to a system and method for processing display object data specified by an object specifying language such as HTML and JAVA. A display object data set is translated into a second data set that is adapted for use in a target device that has limited processing resources unsuited for storing and rendering of an HTML rendering program or a JAVA virtual machine. All translation is performed in a separate system, such as a server, and not in the client device.

It is respectfully asserted that Wu *et al.* fails to teach or suggest the invention as recited in claims 1 and 15. For example, Wu *et al.* fails to teach or suggest the limitations of "translating the first reference to a second reference that is directed to a proxy server such that the modified code segment includes the second reference directed to the proxy server, wherein usage of the second reference in a client device causes a request to be sent to the proxy server rather than the remote site" as are recited in claim 1. Nor does Wu *et al.* teach or suggest "translating the first reference to a second reference that identifies a proxy server such that the modified code segment includes the second reference to the proxy server" as is recited in claim

15. Rather, Wu *et al.* is only concerned with reducing the amount of processing requirements for a target device by translating display data for rendering on the target device using a rendering engine adapted for use on the limited resource target device. There is no mention or suggestion of modifying references and recited in claim 1, wherein usage of a reference in the client system causes a request to be sent to a proxy server. An example of a reference for the present claims would be a URL or a destination link in a visual display. Again, Wu *et al.* is only concerned with reducing the processing requirement for the target device when rendering a display and is not concerned with modifying such references.

Further, with regard to dependent claim 7, it is respectfully asserted that Wu *et al.* fails to teach the limitations recited therein. For example, Wu fails to teach or suggest that the steps of tokenizing parsing and translating a code segment are performed in a client device. In fact, not only does Wu *et al.* not teach or suggest such limitations, Wu *et al.* teaches away from such limitations. Again, Wu *et al.* is directed to reducing the processing load at the target device. In Wu *et al.*, all code translation is performed in a system other than the target device, such as in a server system. Fig 11 represents such a configuration as taught in Wu *et al.* As shown, the code is translated in engine 123 on a remote server and sent to a target device where the translated code is executed using a term runtime 126 in a target device. There is no translation or additional processing of code performed in a target device other than processing to render an HTML or Java image as specified in the code received from the engine 123. In fact, such translating or additional processing by a target device would be contrary to the teaching of Wu as such processing would consume resources that Wu is trying to preserve. Thus, Wu *et al* fails to teach any portion of a translator module resident on a client or target device.

With regard to new independent claims 28 and 32, Wu *et al.* fails to teach limitations recited therein for similar reasons as set forth above regarding claim 7. For example, Wu *et al.* fails to teach or suggest the method of claim 28 wherein tokenizing, parsing and translating are performed by a client device, or the method of claim 32 wherein one or more of tokenizing, parsing and translating are performed in the client device and wherein the remainder are performed by the proxy server. As above, Wu *et al* teaches away from implementing additional processing in the target device where the code is to be implemented.

With regard to new claims 35 and 40, it is respectfully asserted that Wu *et al.* and the other cited references fail to teach or suggest the methods as recited therein. For example, with regard to claim 35, Wu *et al.* fails to teach or suggest translating a first reference to a remote site to a second reference that is directed to a proxy server as is recited therein. And, with regard to claim 40, Wu *et al.* fails to teach or suggest translating a first reference to a remote site to a second reference that identifies the corresponding remote site but is directed to the proxy server as is recited therein. Advantageously, the present invention as recited in these claims allows for establishing a persistent communication session between a client system and a proxy server wherein the client system (e.g., including a browser) is able to interact with a plurality of remote sites via the same proxy server across multiple network requests. Such a system is not contemplated or suggested by Wu *et al.*

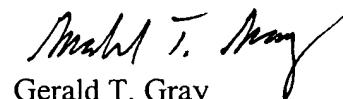
Accordingly, it is respectfully asserted that independent claims 1, 15, 28, 32, 35 and 40 are novel and non-obvious over the Wu *et al.* reference for at least the above reasons. Additionally, all claims depending therefrom are similarly novel and non-obvious based at least on their dependency.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 925-472-5000.

Respectfully submitted,


Gerald T. Gray
Reg. No. 41,797

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 925-472-5000
GTG:sea
60107924 v1